ISSN (print) 0093-4666 ISSN (online) 2154-8889

MYCOTAXON

Volume 115, pp. 534–536 *January–March 2011*

DOI: 10.5248/111.534

Regional annotated mycobiotas new to www.mycotaxon.com

Mycotaxon is pleased to announce the addition of six new species distribution lists to our "web-list" page at www.mycotaxon.com//resources/weblists.html, where over 70 checklist PDFs are available for free download. The content and design of each list is the sole responsibility of its authors and their three (or more) expert reviewers, after which those meeting Mycotaxon's scientific and nomenclatural criteria are accepted for posting. The authors, titles, and abstracts of our most recently accepted web-lists are provided below.

Central America

Nicaragua

Delgado, Gregorio. Nicaraguan fungi: a checklist of hyphomycetes. 31 pp.

Abstract— A checklist of hyphomycetes (anamorphic fungi) known from Nicaragua is presented. A total of 194 taxa belonging to 70 genera are listed, including 25 determined only to generic level, 156 to specific level and 13 infraspecific taxa. They were compiled from scattered records in the literature, the online databases of the world's major culture collections and fungal herbaria, and sporadic collections of plant debris samples carried out in the departments of Managua and León in 2008. 14 saprobic genera, 19 species and one forma are recorded for the first time from Nicaragua. A host and substrate index is also provided, including 99 host plants belonging to 30 families and 16 host insects belonging to 4 orders. A brief approach to the history of mycology in the country is presented.

Panama

Piepenbring, Meike, José Camarena, Dario Cruz, Ana Karina Gómez, Yuriza Guerrero, Tina Antje Hofmann, Roland Kirschner, Mavis de Matas, Loraine Perez, Délfida Rodríguez, José Ureta, Ivette Vargas & Carl Williams. New records of fungi pathogenic on cultivated plants in Panama. 11 pp.

Abstract— Knowledge about the geographical distribution of species of plant pathogenic fungi is fundamental for epidemiology, decision making and recommendations for their control. For many tropical countries like Panama, however, checklists are still very incomplete. In the present publication, 20 species of pathogenic fungi on cultivated plants are cited, with 13 of them and one hyperparasitic fungus reported for the first time for Panama, mainly in the province of Chiriquí in the western part of the country. Among these are several rarely reported species:

Asterinella puiggarii on *Psidium guajava; Entyloma doebbeleri* on *Dahlia* sp., which is reported for the first time outside Costa Rica; *Mycosphaerella agapanthi-umbellati* on *Agapanthus* sp., which is recorded for the first time for America; *Passalora vanderystii* on *Phaseolus vulgaris*; and *Ustilago affinis* on *Stenotaphrum secundatum*.

South America

Brazil

Gumboski, Emerson Luiz & Sionara Eliasaro. Checklist of lichenized fungi of Santa Catarina State (Brazil). 45 pp.

Abstract— Based on the evaluation of available literature, a list of 355 lichenized fungi species recorded from Santa Catarina State, Brazil is presented. These species are distributed among 109 genera and 45 families. *Parmeliaceae* and *Cladoniaceae* are the most diverse families with 69 and 41 species, respectively.

Europe

Greece

Polemis, Elias, Dimitris M. Dimou, Leonidas Pountzas, Dimitris Tzanoudakis & Georgios I. Zervakis. Mycodiversity studies in selected ecosystems of Greece: 5. Basidiomycetes associated with woods dominated by *Castanea sativa* (Nafpactia Mts., central Greece). 16 pp.

Abstract— Very scarce literature data are available on the macrofungi associated with sweet chestnut trees (*Castanea sativa*, *Fagaceae*). We report here the results of an inventory of basidiomycetes, which was undertaken in the region of Nafpactia Mts., central Greece. The investigated area, with woods dominated by *C. sativa*, was examined for the first time in respect to its mycodiversity. One hundred and four species belonging in 54 genera were recorded. Fifteen species (*Conocybe pseudocrispa, Entoloma nitens*, *Lactarius glaucescens, Lichenomphalia velutina*, *Parasola schroeteri*, *Pholiotina coprophila, Russula alutacea*, *R. azurea*, *R. pseudoaeruginea, R. pungens*, *R. vitellina, Sarcodon glaucopus*, *Tomentella badia*, *T. fibrosa* and *Tubulicrinis sororius*) are reported for the first time from Greece. In addition, 33 species constitute new habitats/hosts/substrates records.

Italy

Rizzi, Guido, Guido Incerti, Fabrizio Ginaldi, Danijela Kodnik, Serena Viglione & Paolo Giordani. A contribution to the lichen flora of Sardinia. 27 pages.

Abstract— A contribution to the epilithic and epiphytic lichen flora of Sardinia is presented. Seventy localities from both coastal and mountain areas of western Sardinia have been investigated during four surveys from 2006 to 2008. In all, 390 taxa have been recorded. Three taxa are new to Italy (*Allarthonia hypobela*, *Bacidia biatorina*, *Catillaria subviridis*); 25 taxa are new to Sardinia. *Pannaria rubiginosa* and *Melaspilea ochrothalamia* were re-collected after one century. Distribution and substrata are presented.

Mid-East

Turkey

Tufan-Çetin, Özge & Hüseyin Sümbül. Lichens of the Köprülü Canyon National Park in Turkey. 25 pp.

Abstract— This is the first comprehensive survey on lichens of the Köprülü Canyon National Park. Totally 1266 lichen samples were collected during the field studies between June 2006 and August 2008 in Köprülü Canyon National Park. 217 lichen taxa which belong to 8 orders, 28 families and 76 genera were determined from the research area. Of the determined lichens 203 taxa were recorded for the first time in the national park. In addition 67 taxa are new records for Antalya and 7 taxa for Turkey.